

**Washington State Department of Corrections
Major Project Status Report to OFM
June 2012**

Agency Number: 310

Agency: Department of Corrections

Project Number: 04-2-008

Institution: Washington Corrections Center (WCC)

Project Title: REGIONAL INFRASTRUCTURE

Bill Reference(s): Laws of 2003, Chapter 26, Section 274

Laws of 2005, Chapter 488, Section 262

Laws of 2007, Chapter 520, Section 2055

Laws of 2009, Chapter 497, Section 2042

Laws of 2011, Chapter 49, Section 2029

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Project Description: The City of Shelton, the Department of Corrections (DOC) and the Washington State Patrol (WSP) formed a partnership to establish a regional water and sewer utility, which Shelton will own and operate. The City is managing the design and construction. The project goals are to provide water and sewer service to all of the partner agencies, to provide enhanced environmental protection in the service area, and to reduce the existing shellfish closure zone in Oakland Bay.

The regional system is providing the Washington Corrections Center (WCC) and the Washington State Patrol (WSP) Academy with sewer service through the construction and operation of a satellite wastewater treatment plant (WWTP), located near Sanderson Field off Highway 101. This project eliminated the WCC WWTP that was well past its useful life and the effluent spray field was operating under a temporary permit. The regional water system ensures WCC a future tie-in when institutional growth exceeds the facility's potable water rights and all potable water consumption reduction possible from the new reclaimed water source has been realized.

Square feet: N/A

Scope Changes: There has been no change in project scope.

Project Total Cost:

Phase	Biennium	Appropriation	Amount
Pre-Design	03-05	G 24	\$ 62,237
Design	05-07	G 24R	\$ 1,488,223
Design	05-07	H 02	\$ 17,203
Design	07-09	G 24R	\$ 330,244
Design	09-11	G 24R	\$ 124,662
Design	11-13	J00R	\$ 101,361
Construction	07-09	G 24R	\$ 10,604,492
Construction	09-11	G 24R	\$ 1,829,132
Construction	09-11	J 00	\$ 567,676
Construction*	11-13	J00R	\$ 190,181
Other	03-05	G 24	\$ 10,800
Other	05-07	G 24R	\$ 26,224
Other	07-09	G 24R	\$ 59,070

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Other	09-11	G 24R	\$ 176,655
Other	09-11	J 00	\$ 66,000
Other	11-13	J00R	\$ 40,717
Total			\$ 15,628,942

**State Patrol received in the 2012 Legislative Session funds for construction of waterline.*

Schedule:

	Budget Schedule	Actual/Forecast	Variance (weeks)
Pre-design Complete	N/A	3/31/06	0
Satellite Water Reclamation Plant:			
Start Design	7/1/05	8/15/06	59
Bid Date BP I – (Pipelines)	1/1/06	11/06/07	96
Bid Date BP II – (Plant)	1/1/06	5/13/08	123
NTP BP I	3/1/06	2/15/08	102
NTP BP II	3/1/06	7/15/08	124
50 Percent Complete BP I	5/15/07	4/15/08	48
50 Percent Complete BP II	5/15/07	4/15/09	100
Substantial Completion BP I	6/30/08	6/30/08	0
Substantial Completion BP II	6/30/08	1/15/10	81
Final Acceptance BP I	8/30/08	7/30/08	-4
Final Acceptance BP II	8/30/08	6/30/10	96
City of Shelton Regional Water System:			
Start Design – Dayton Airport Road (DAR) Water Expansion	2009-2011	8/10/10	1
Design Complete DAR	2009-2011	4/15/12	0
Start Construction DAR	2011-2012		0
City of Shelton Wastewater Treatment Plant Upgrade:			
Start Design	01/10/08	01/10/08	0
Design Complete	01/10/09	09/10/09	35
Start Construction	01/10/10	01/20/10	1
Substantial Construction Complete	07/10/11	06/30/12	51
Final Completion	10/1/2011	08/30/12	46

Project Status and Discussion of Critical Path for Construction: The Conveyance/Reclaimed Water Pipeline System was completed in June 2008 and the Satellite Water Reclamation Plant was operational October 28, 2009. As part of this project, the waterline from Wal-Mart across Highway 101 to the satellite water-reclamation plant has been completed. The City of Shelton had expected to find additional funds to complete the main water system scope of work, beginning design for this system in the 2009-2011 Biennium. However, Shelton encountered funding challenges and is unable to contribute to this part of the infrastructure improvements. Because this phase is critical for the State Patrol, the two state partners agreed to proceed with the design for the Dayton Airport Road (DAR) Water Expansion Project, using a phased scope approach to deliver water specifically to meet the immediate needs of the WSP Academy and future needs of WCC. The design consultant began work in August 2010. Water system modeling was conducted in February 2011 to confirm the preliminary design met the City's

needs for growth, but it slowed the schedule. Routing alternatives of the SR 102 shoulder, and Shelton Springs Road (in lieu of a portion of Highway 101), have been agreed upon by the agencies involved. The City has been successful in acquiring needed easements from property owners along SR 102. Construction funding for DAR project was appropriated to State Patrol in the 2012 Legislative Session.

The City of Shelton Wastewater Treatment Plant Upgrade project construction started in January 2010 and is scheduled for substantial completion by June 30, 2012. Numerous controls and performance issues are being resolved at this time.

Contract Award History:

A/E Agreement	Amount	Construction Contract	(Excluding Sales Tax)
Original Agreement	\$ 62,237	DOC's Share (71.85%) of BP I & BP II Award Amount	\$ 11,335,355
Amendments	\$ 2,044,489	DOC's Share (3%) of WWTP Award Amount	\$ 760,247
Pending Changes	\$ 0	Change Orders covered specifically by DOC	\$ 76,394
Total	\$ 2,106,726	Pending Changes	\$ 0
		Total	\$ 12,171,996
Current Design Contingency	\$ 0	Current Construction Contingency	\$ 80

Potential for Project Cost Overruns/Claims: Potential cost issues could result from increased construction costs due to project delays.

- **Regional Water System Project:** Shelton informed DOC and the WSP that they lacked funding for the Regional Water System Project. The state partners agreed to a phased approach to meet the needs of both agencies without overextending available resources. This resulted in moving forward with design only on the Dayton Airport Road Water Expansion Project. Legislative appropriation was provided in the 2012 session for State Patrol.
- **City of Shelton Wastewater Treatment Plant Upgrade Project:** The City and Contractor are resolving cost over runs. The City of Shelton expects current issues/claims to be resolved with no further cost to the DOC.
- **Dayton Airport Road Water Expansion Project:** No project cost overruns/claims are anticipated at this time.

Discussion of Project Quality: Work completed at this time has met or exceeded construction quality standards.

Project Photographs: See following pages.

City of Shelton Wastewater Treatment Plant, New Clarifier Basin #3, April 2011



City of Shelton Wastewater Treatment Plant, Blowers at New Electrical Building, April 2011

